

TOP SECRET**PRIORITY**

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TOP SECRET 062209Z

1964 MAY 6 22 3625X1

7 MAY 1964

HFS

CJS

CEC

FBS

ACL

Grace (File)

SUBJ: SUBJECTIVE EVALUATION OF MSN 4007 FOR INCLUSION IN PET.

1. MSN 4007 PRODUCED PHOTOGRAPHY EQUAL TO OR SLIGHTLY BETTER THAN ANY SATELLITE MATERIAL TO DATE. PHOTO INTERPRETERS ARE VIEWING THE POSITIVE TRANSPARENCIES, PRINTED FROM THE MSN, AT 50 DIAMETERS WITHOUT EXCESSIVE DEGRADATION TO THE IMAGERY. THE IMAGERY IS ENHANCED BY THE FACT THAT THE PHOTOGRAPHY WAS EXPOSED FROM A LOWER ORBITAL PATH THAN ANY TO DATE.

2. THE STEREO PAIRS THAT WERE EXPOSED IN THE OBLIQUE MODE ARE OF LIMITED VALUE. DUE TO THE LARGE DIFFERENCE IN THE PERSPECTIVE OF PHOTOGRAPHS EXPOSED FROM SUCH EXTREMES, IT IS DIFFICULT IF NOT IMPOSSIBLE, TO CLEAR THE PARALLAX IN PORTIONS OF MOST MODELS.

3. THE TWO PRINTING LEVELS PRODUCED ON SELECTED PASSES PROVED TO BE OF PARTICULAR VALUE ON THIS MISSION DUE TO THE WIDE RANGE OF REFLECTIVITY ENCOUNTERED.

4. THERE WERE NO MAJOR CAMERA MALFUNCTIONS OR PROCESSING ANOMALIES TO INFLUENCE THE PI SUITABILITY OF THE MSN.

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-END OF MESSAGE-

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